

T A S 3085-14

UNIVERSITY AVENUE  
PARK ST. TO LOUIS-MARION

S.P. 6208

DEC. 1968

OFFICE OF  
TRANSPORTATION SYSTEM PLANNING

MINNESOTA HIGHWAY DEPARTMENT



DEPARTMENT HIGHWAY

## Office Memorandum

TO : Paul G. Velz  
Road Design Engineer

DATE: December 27, 1968

FROM : Leon F. Bergmann, Chief  
Traffic Analysis Section

SUBJECT: University Avenue, Park St.  
to Louis-Marion  
S.P. 6208  
TAS 3085-14

This report is transmitted in response to R.T. Petersen's August 21, 1968 request for 1985 ADT, and HCADT for the project location shown on page 2.

For each numbered segment on page 3 the following data are tabulated on pages 4-6:

- a) Total ADT
- b) Vehicle Type Distribution
- c) Total Heavy Commercial ADT

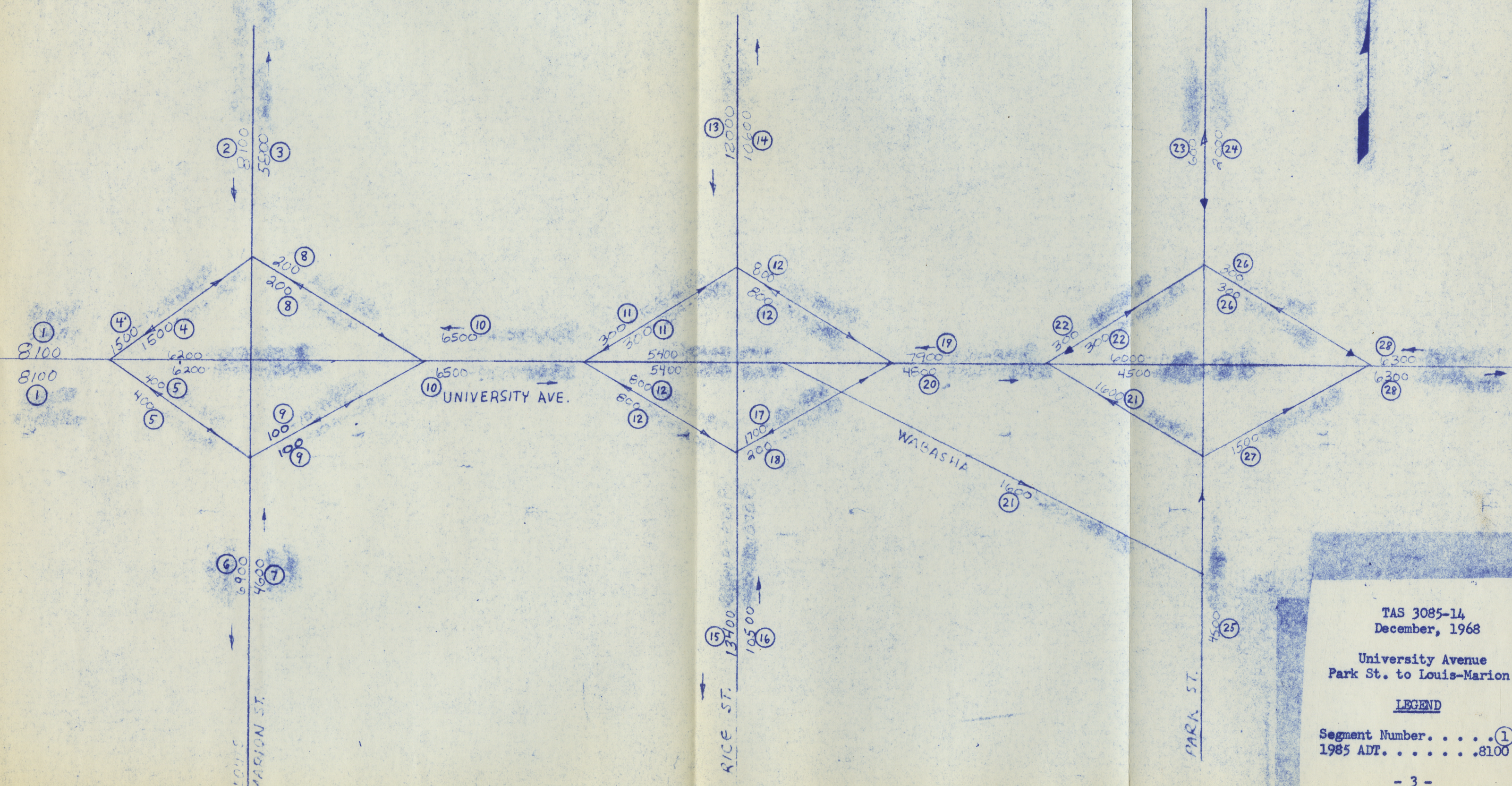
The basic data, method, and assumptions used in preparing this report are on page 7.

*Leon F. Bergmann*  
Leon F. Bergmann, Chief  
Traffic Analysis Section

PH

STATE OF MINNESOTA  
DEPARTMENT OF HIGHWAYS  
WORK MAP





TAS 3085-14  
December, 1968

University Avenue  
Park St. to Louis-Marion

LEGEND

Segment Number. . . . . ①  
1985 ADT. . . . . 8100



## TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 1 OF 3

FOR

University  
T.H. Avenue S.P. 6208 LENGTH - MILES  
COUNTY Ramsey LOCATION Park St. to Louis-Marion

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS  
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	7485	7635	5606	1399	385	6521	4492	190	90	5981	285
1	268	250	112	54	12	208	70	8	8	218	12
2	79	53	24	12	3	44	15	2	2	68	3
3	30	17	8	4	-	13	4	-	-	26	-
4	60	34	10	7	-	27	3	-	-	53	-
5	68	36	10	8	-	28	2	-	-	60	-
6	110	75	30	16	-	59	14	-	-	94	-
TOTAL ADT	8100	8100	5800	1500	400	6900	4600	200	100	6500	300
TOTAL H. COMM. ADT	615	465	194	101	15	379	108	10	10	519	15
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

## \* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS  
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS  
2 = SINGLE UNIT-3 AXLE TRUCKS  
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES  
4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES  
5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES  
6 = BUSES AND TRUCKS WITH TRAILERS

## TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 2 OF 3

FOR

University  
T.H. Avenue S.P. 6208 LENGTH - MILES  
COUNTY Ramsey LOCATION Park St. to Louis-Marion

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 22 AS  
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	12	13	14	15	16	17	18	19	20	21	22
0	746	11013	9765	12262	9670	1534	190	7230	4286	1534	275
1	19	448	379	492	375	56	8	262	214	76	18
2	8	132	112	151	111	22	2	87	67	22	7
3	3	39	33	45	33	6	-	32	26	- 6	-
4	4	43	36	50	36	7	-	60	53	7	-
5	11	112	95	151	95	39	-	99	60	19	-
6	9	213	180	249	180	36	-	130	94	36	-
TOTAL ADT	800	12000	10600	13400	10500	1700	200	7900	4800	1600	300
TOTAL H. COMM. ADT	54	987	835	1138	830	166	10	670	514	166	25
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

## \* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS  
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS  
2 = SINGLE UNIT-3 AXLE TRUCKS  
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES  
4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES  
5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES  
6 = BUSES AND TRUCKS WITH TRAILERS



TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 3 OF 3

FOR  
University  
T.H. Avenue S.P. 6208 LENGTH - MILES  
COUNTY Ramsey LOCATION Park St. to Louis-Marion

BASED ON  
1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING  
TOTAL ADT ON SEGMENTS 23 THROUGH 28 AS  
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	23	24	25	26	27	28					
0	560	1820	4038	285	1344	5806					
1	33	89	180	15	48	183					
2	7	30	65	-	20	58					
3	-	5	17	-	6	26					
4	-	6	20	-	7	53					
5	-	10	68	-	39	80					
6	-	40	112	-	36	94					
TOTAL ADT	600	2000	4500	300	1500	6300					
TOTAL H. COMM. ADT	40	180	462	15	156	494					
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

\* VEHICLE TYPE CODE  
0 = PASSENGER CARS AND 4 TIRE TRUCKS      4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES  
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS      5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES  
2 = SINGLE UNIT-3 AXLE TRUCKS              6 = BUSES AND TRUCKS WITH TRAILERS  
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES

BASIC DATA, METHOD, AND ASSUMPTIONS

The System 14 1985 ADT and DHV for the project were transmitted in TAS 634-14 on November 26, 1968.

The total heavy commercial volumes were determined by the System 14 computer assignment of 1985 HCA DT. Vehicle classification counts which have been made in the study area were projected to 1985 values by use of a vehicle type trend study. Adjustments were made to reflect heavy commercial diversions to TH 94 and the proposed Northern Expressway. The resulting vehicle type distributions were applied to the System 14 heavy commercial totals.